

Message Text

UNCLASSIFIED

PAGE 01 BERN 05802 211653Z
ACTION EUR-12

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USDOC FOR SEC, NOA, TIS

EO 11652: N/A
TAGS: BTIO SZ
SUBJ: LICENSE OFFER FOR LARGE DIAMETER REFLECTING TELESCOPE

1. PHYSICIST DR ERICH BAUM, 17A RINGSTRASSE, 6300 ZUG, SWITZERLAND, HAS INFORMED EMBASSY THAT HE HAS DEVELOPED NEW PROCESS WHICH WOULD ENABLE CONSTRUCTION REFELCTING TELESCOPE OF LARGER DIAMETER THAN PRESENTLY EXISTS. BAUM BELIEVES PRESENT PROCESSES LIMIT BUILDING SUCH TELESCOPE TO 200 INCHES AS AT MT PALOMAR, AND 240 INCHES AS BUILT IN SOVIET UNION. BAUM HAS ASKED EMBASSY TO TRANSMIT COPIES OF HIS PATENT APPLICATIONS TO HALE OBSERVATORY, MT PALOMAR, CALIF, IN HOPE THAT OFFICIALS THERE WOULD BE INTERESTED IN USING HIS PROCESS UNDER LICENSE FOR BUILDING LARGER REFELCTING TELESCOPE. BAUM ANXIOUS THESE DOCUMENTS REACH QUALIFIED SCIENTISTS AT MT PALOMAR VIA OFFICIAL CHANNELS PRIOR TO EXPIRATION APRIL 5, 1977 PRIORITY DATE FOR FILING PATENT OUTSIDE SWITZERLAND.

2. THESE DOCUMENTS (IN GERMAN LANGUAGE) RELATE TO:
A) PROCESS FOR CONSTRUCTING TELESCOPE REFLECTOR WITH DISCRETIONARY DIAMETER, SWISS PATENT APPLICATION NO UNCLASSIFIED

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4197/76, PRIORITY EXPIRES APRIL 5, 1977;
B) PROCESS FOR SIMULTANEOUS RECEPTION OF OPTICAL AND RADIO WAVES FROM ASTRONOMIC OBJECTS, SWISS PATENT APPLICATION NO 9365/76, PRIORITY EXPIRES JULY 21, 1977; AND
C) PRECISION ORIENTATION SYSTEM FOR SLIDIN BEARING, SWISS PATENT APPLICATION NO 12555/76, PRIORITY EXPIRES

OCT 4, 1977.

3. EMBASSY UNABLE TO EVALUATE THESE DOCUMENTS. BAUM WAS INTRODUCED TO EMBASSY THROUGH SWISS FEDERAL COUNCILLOR DR H HUERLMANN, EQUIVALENT TO US SECRETARY OF INTERIOR.

4. ACTION REQUESTED: ADVISE SOONEST TO WHOM DOCUMENTS DESCRIBED PARA 2 ABOVE SHOULD BE ADDRESSED TO REACH APPROPRIATE OFFICIALS OF HALE OBSERVATORY, MT PALOMAR.

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NNN

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Disposition Event:
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